

REMARKS

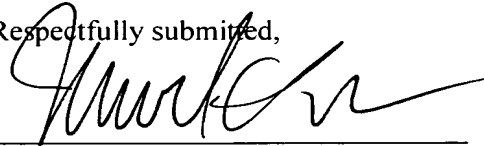
In the Office Action, the Examiner has rejected claims 3-5 and 7-8 under 35 U.S.C. §112, first paragraph. Claims 3-8 have also been rejected under 35 U.S.C. §102(b) as anticipated by Reilly. Additionally, claims 3-5 and 7-8 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Reilly in view of Taylor and Sealfon. Applicant respectfully traverses these rejections.

In the present invention the valve head of the check valve is biased into a closed position by an internal spring. During the injecting phase of molding operation, pressurized fluid communicated from the gas controller into the inlet of the regulator body urges the valve head into an open position whereby gas is allowed to pass into the mold cavity. However, during the venting phase of a molding operation, the valve head is biased by the spring into a normally closed position such that the backflow of gas from the mold cavity into the gas controller is prohibited. Reilly clearly does not teach or discuss the use of a spring biased check valve head as a means for preventing backflow of gas from the mold cavity into the gas controller.

In view of the above amendments and remarks, Applicant submits that the application is now in proper form for allowance. Such action is respectfully requested.

The Commissioner is authorized to charge any fee or credit in the overpayment in connection with this communication to our Deposit Account No. 07-1180.

Respectfully submitted,



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Judith T. Lange